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SYSTEM SECURITY AUTHORIZATION AGREEMENT FOR NSIMS

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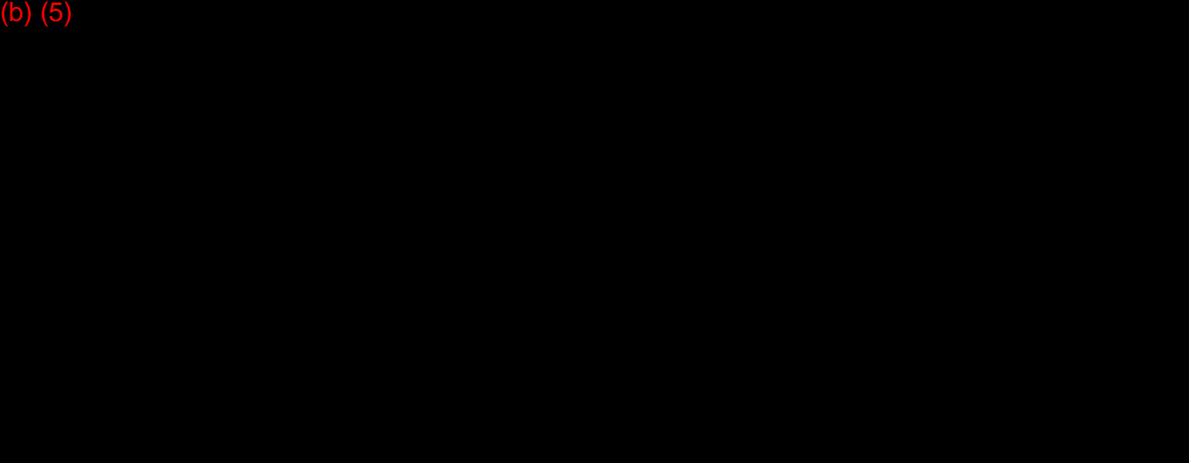
SYSTEM SECURITY AUTHORIZATION AGREEMENT FOR NSIMS

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**1 MISSION DESCRIPTION AND SYSTEM IDENTIFICATION**

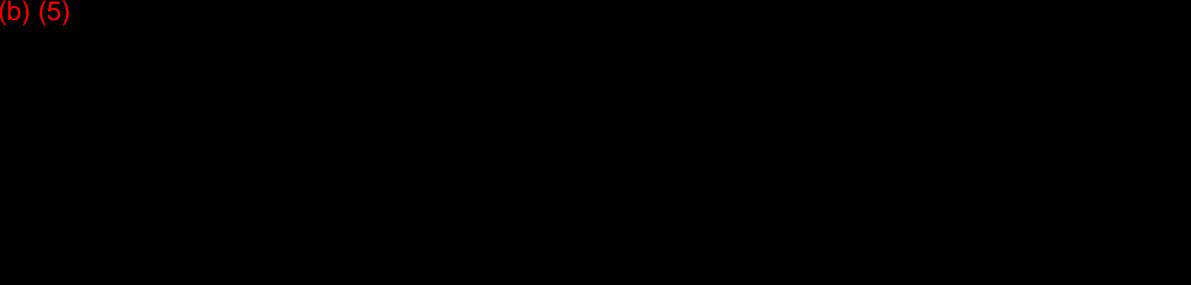
**1.1 SYSTEM NAME AND IDENTIFICATION**

(b) (5)



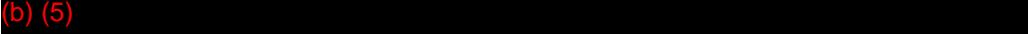
**1.2 SYSTEM DESCRIPTION**

(b) (5)



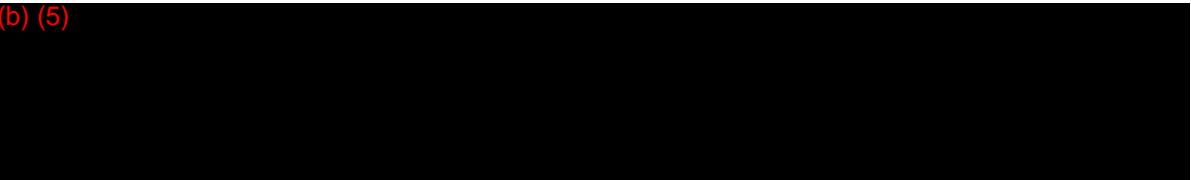
**1.3 FUNCTIONAL DESCRIPTION**

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**1.3.1 System Capabilities**

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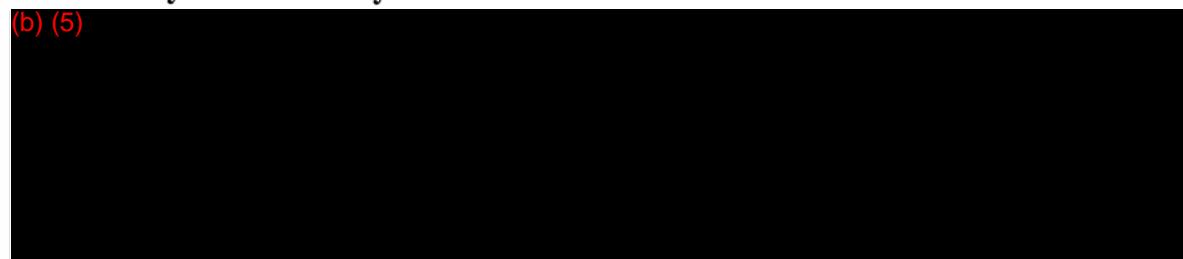
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**Figure 1-1 NSIMS Database Server**

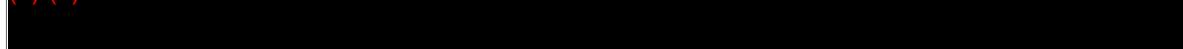
**1.3.2 System Criticality**

(b) (5)



**1.3.3 Classification and Sensitivity of Data Processed**

(b) (5)



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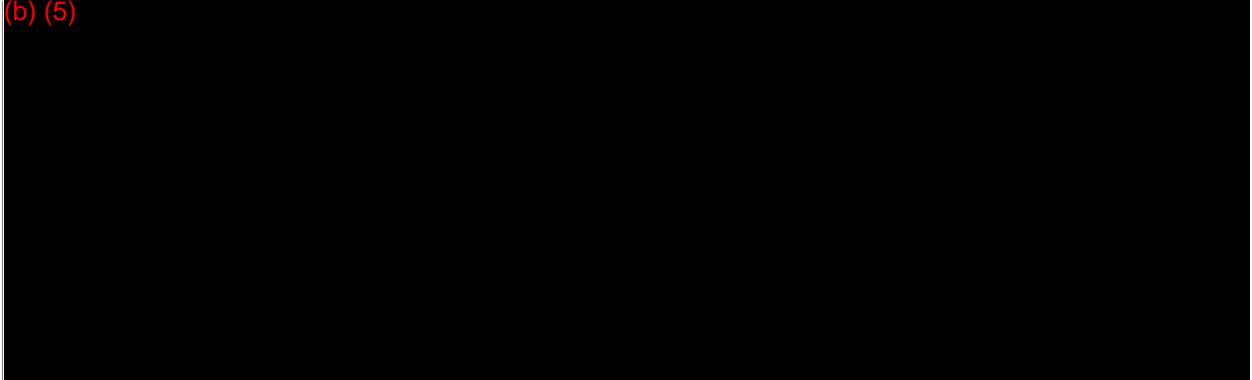
**SYSTEM SECURITY AUTHORIZATION AGREEMENT FOR NSIMS**

**1.3.4 System User Description and Clearance Levels**

(b) (5)



(b) (5)



**Table 1-1. Personnel with Physical and Logical Access to System**

(b) (5)



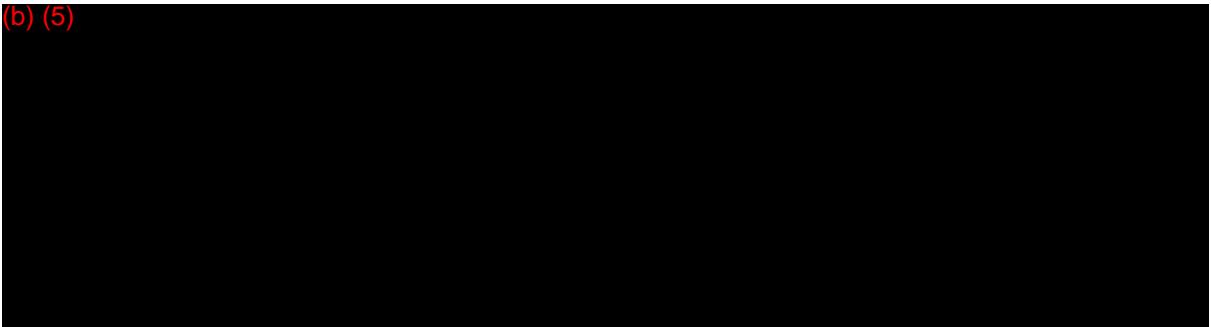
**1.3.5 Life Cycle of System**

(b) (5)



**1.4 SYSTEM CONOPS SUMMARY**

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**2 ENVIRONMENT DESCRIPTION**

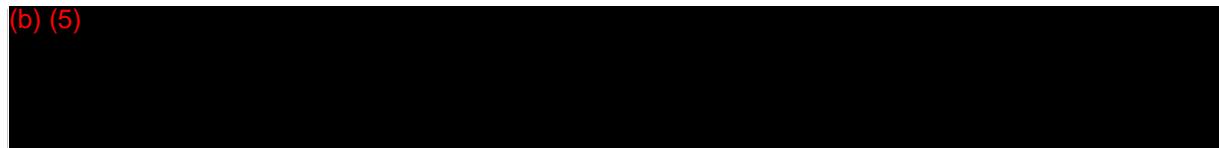
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**2.1 OPERATING ENVIRONMENT**

**2.1.1 Facility Description**

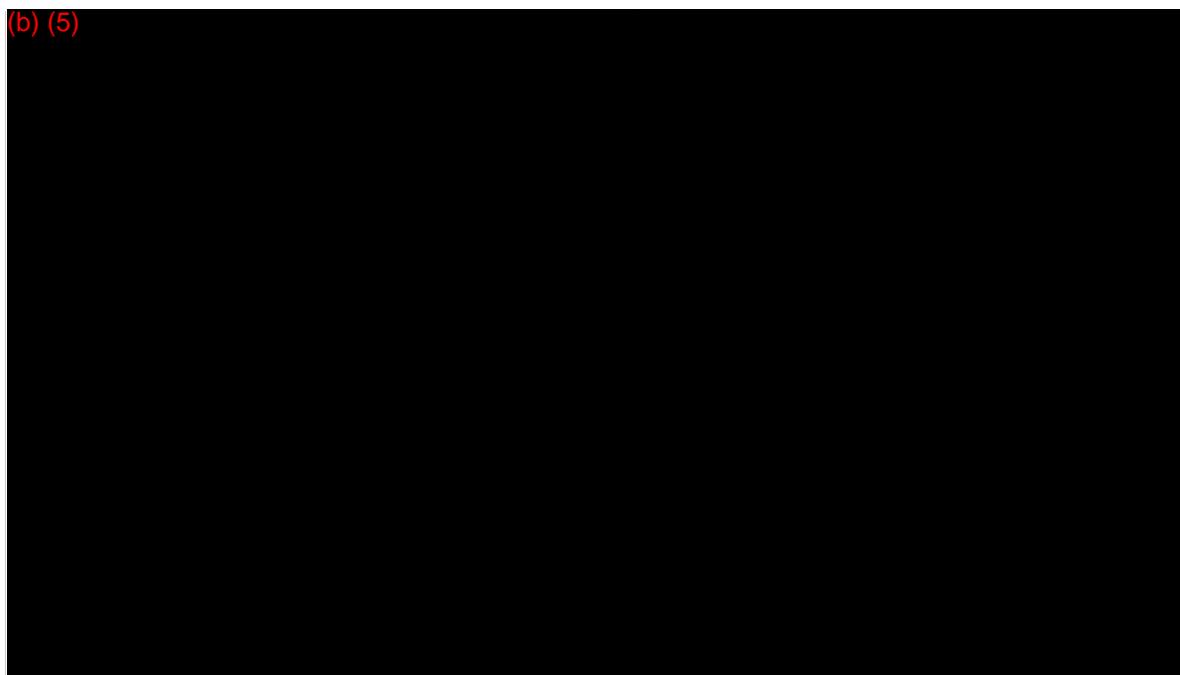
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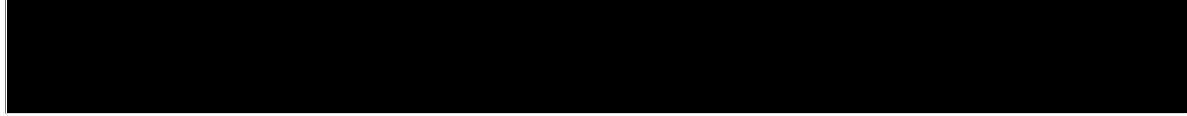
(b) (5)


**Figure 2-1 NSIMS Room Diagram**

**2.1.2 Physical Security**

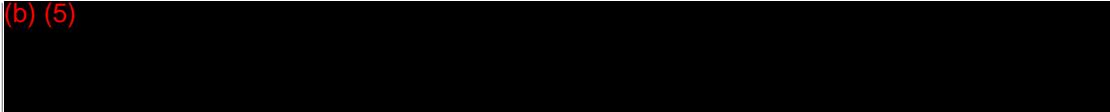
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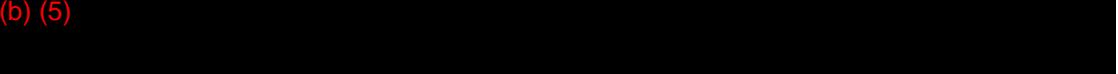
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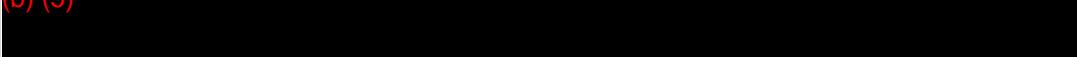
- (b) (5)
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- (b) (5)
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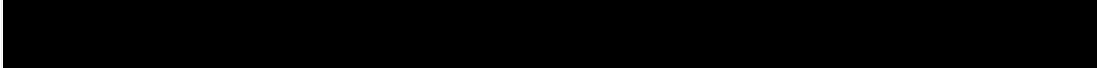
**2.1.3 Administrative Issues**

(b) (5)



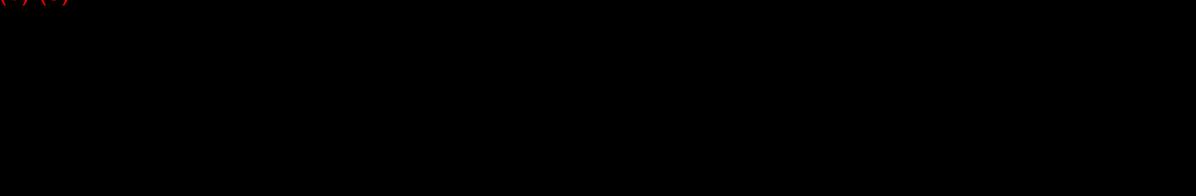
- (b) (5)
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- (b) (5)
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- (b) (5)
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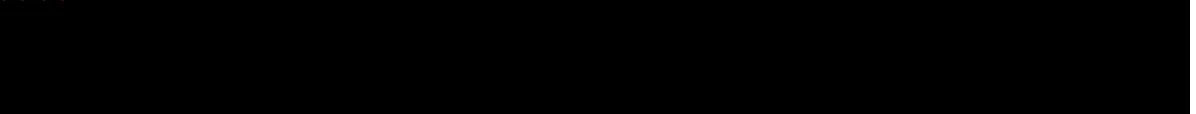
**2.1.4 Personnel**

(b) (5)



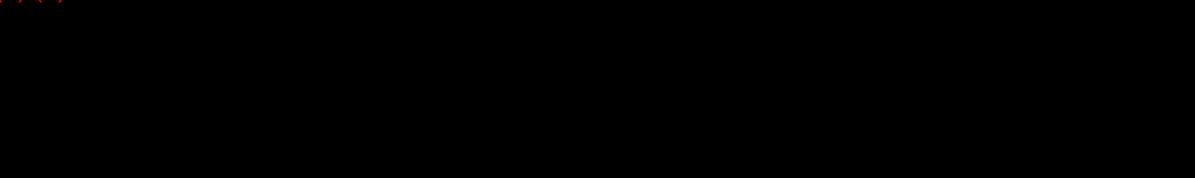
**2.2 COMSEC**

(b) (5)



**2.3 EMSEC**

(b) (5)



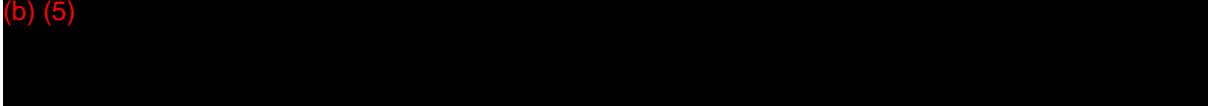
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**SYSTEM SECURITY AUTHORIZATION AGREEMENT FOR NSIMS**

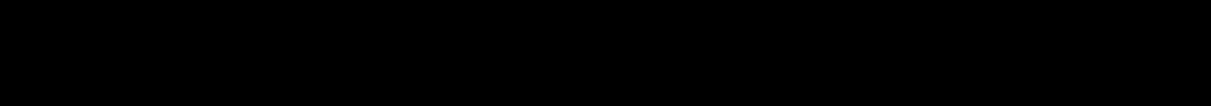
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**2.4 MAINTENANCE PROCEDURES**

(b) (5)

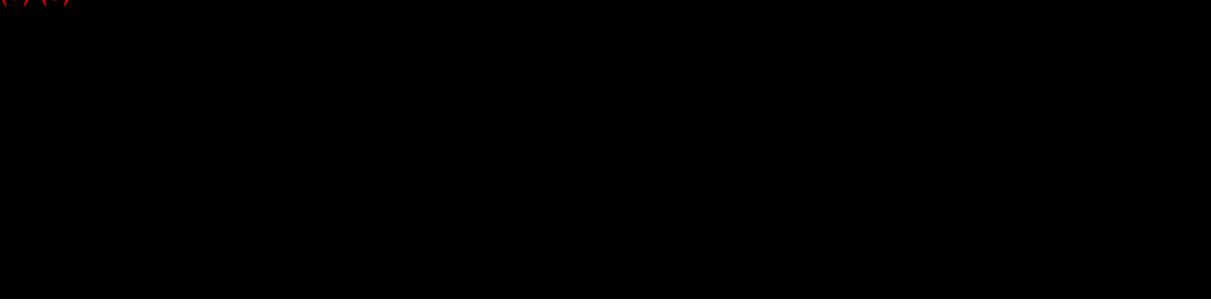


(b) (5)



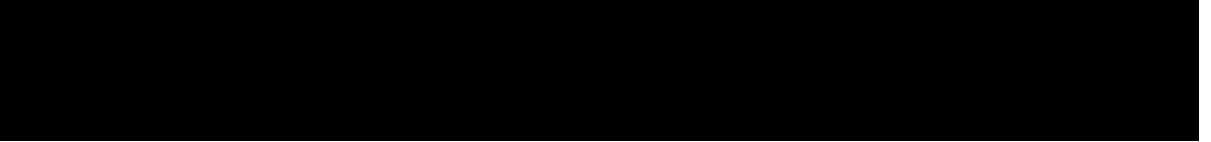
**2.4.1 Training Plans**

(b) (5)

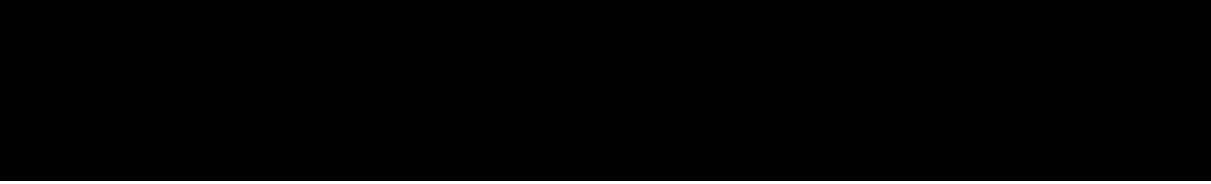


**2.4.1.1 Training Requirements**

(b) (5)

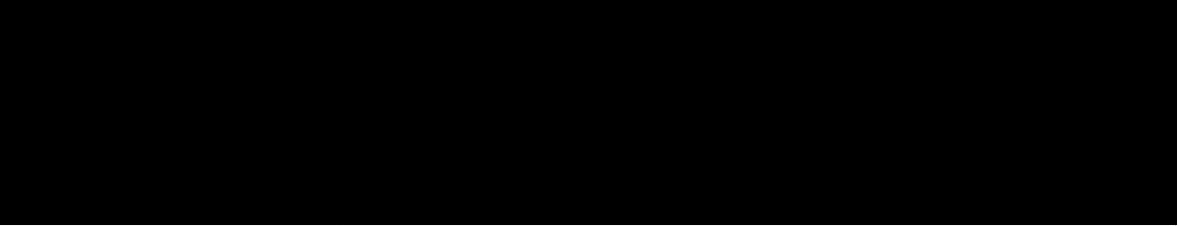


(b) (5)



**2.5 SOFTWARE DEVELOPMENT AND MAINTENANCE ENVIRONMENT**

(b) (5)



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(b) (5)

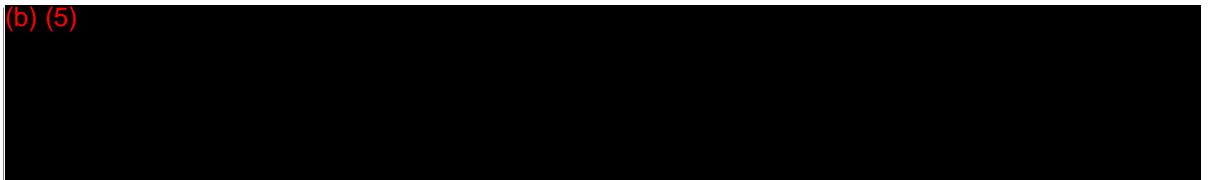


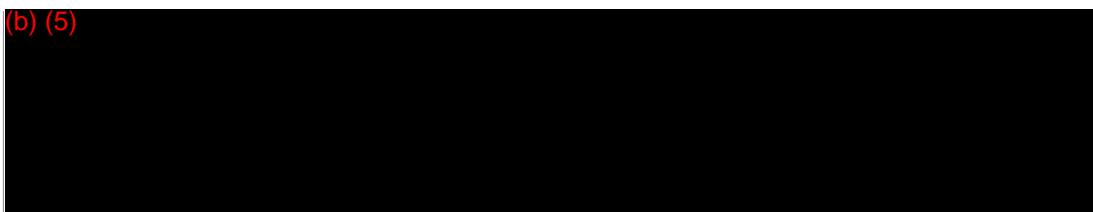
(b) (5)

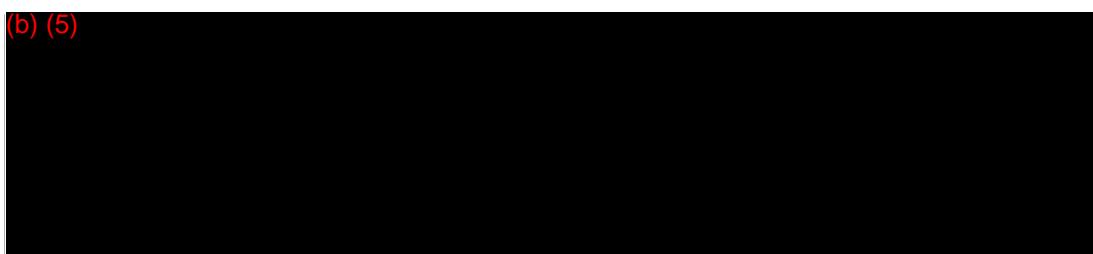


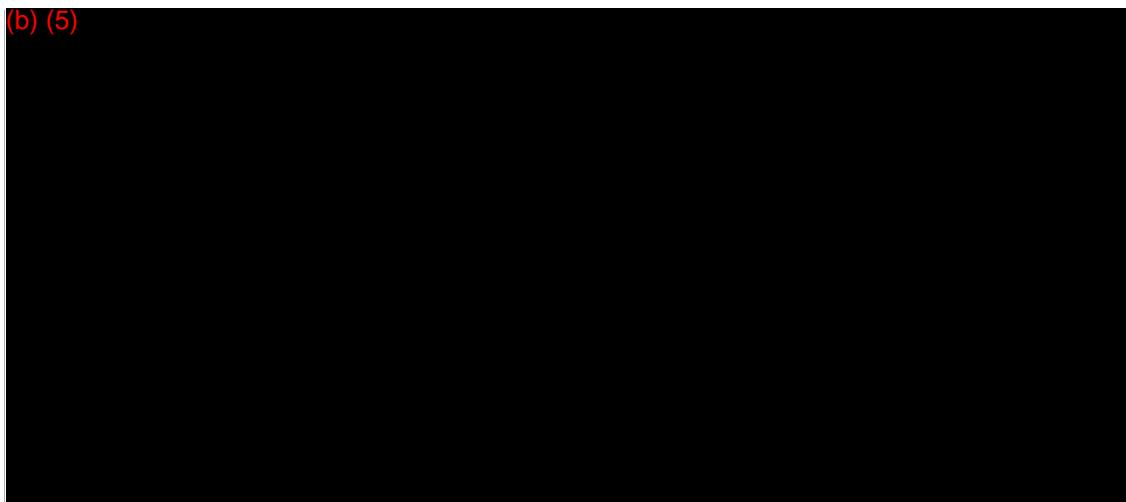
**2.6 THREAT DESCRIPTION**

(b) (5)



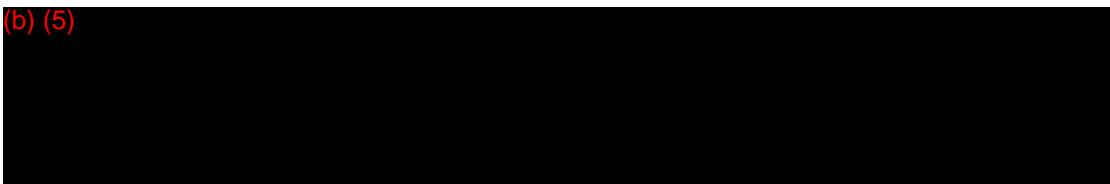
- (b) (5)
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- (b) (5)
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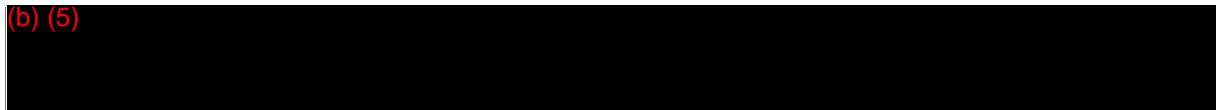
(b) (5)



### **3 SYSTEM ARCHITECTURAL DESCRIPTION**

#### **3.1 SYSTEM ARCHITECTURE DESCRIPTION**

(b) (5)



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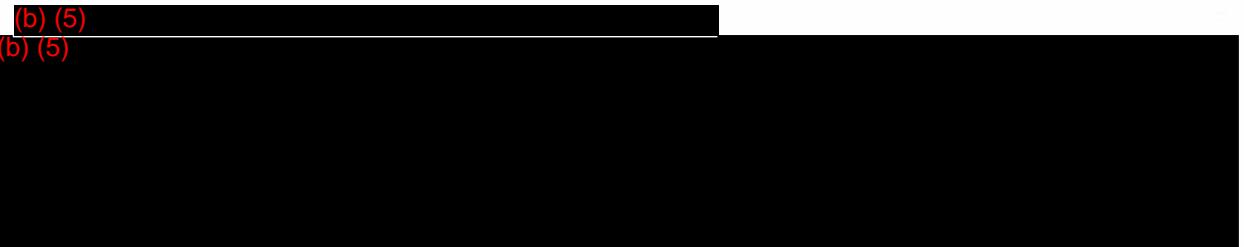
(b) (5)



**Figure 3-1. NSIMS Database Server**

### **3.1.1 Hardware**

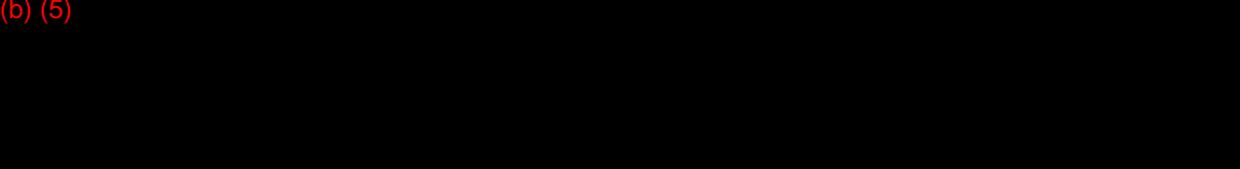
(b) (5)  
(b) (5)



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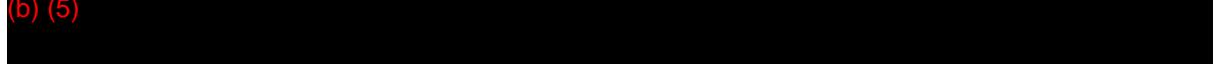
(b) (5)



**Table 3-1. Hardware List for NSIMS System**

**3.1.2 Software**

(b) (5)

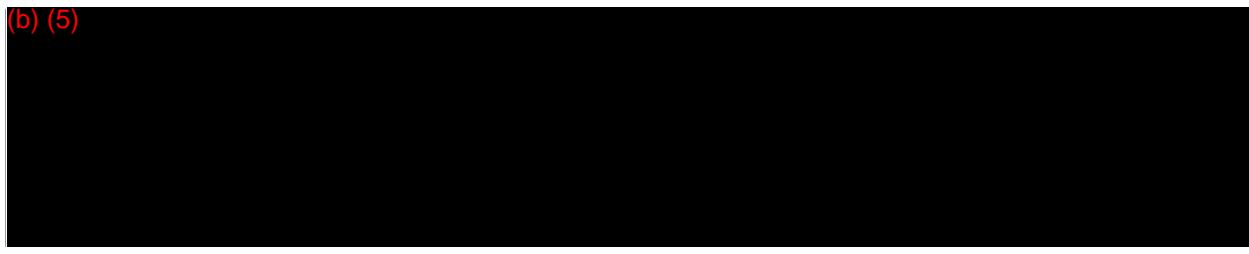


(b) (5)



**Table 3-2. System Software**

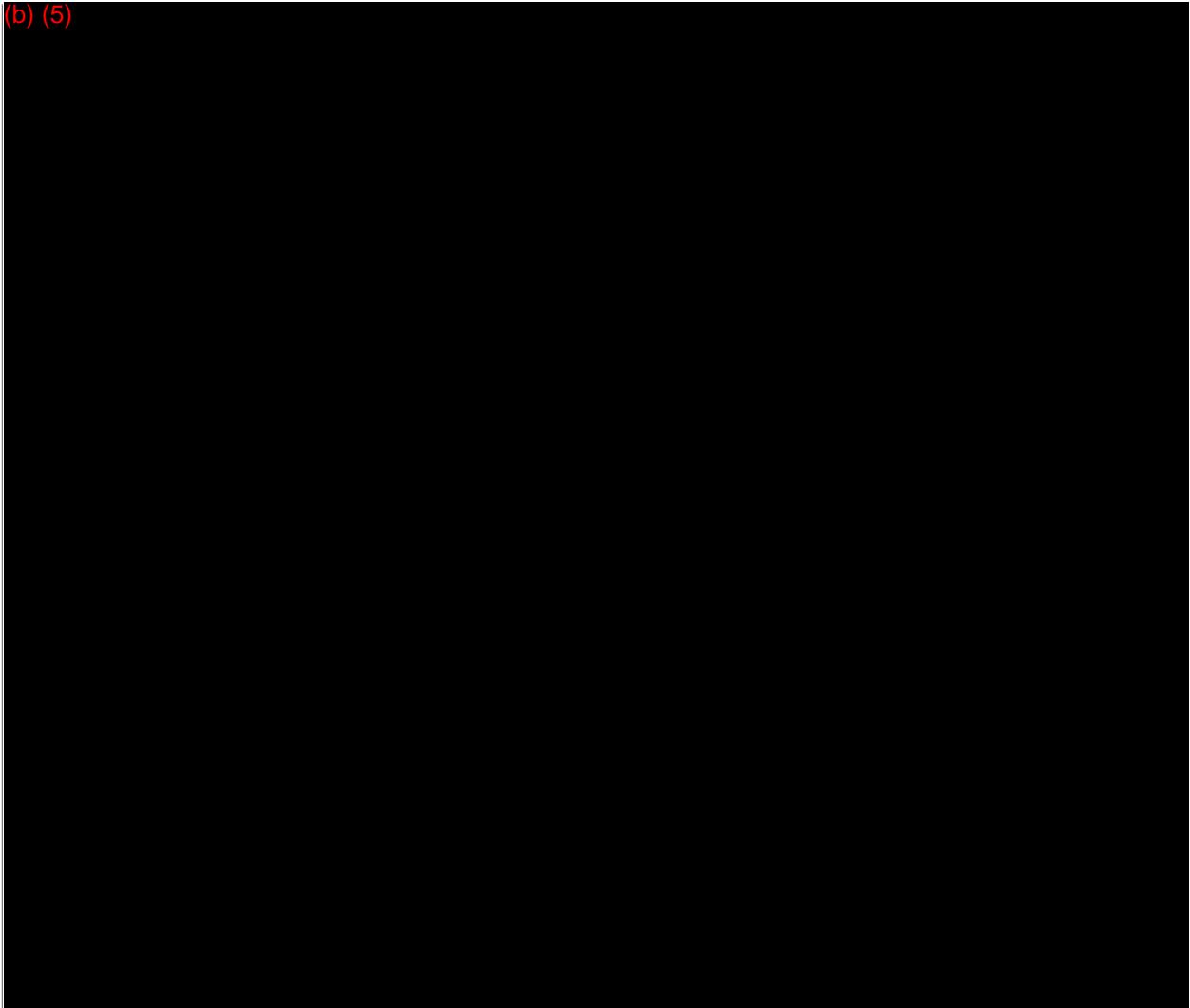
(b) (5)



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(b) (5)



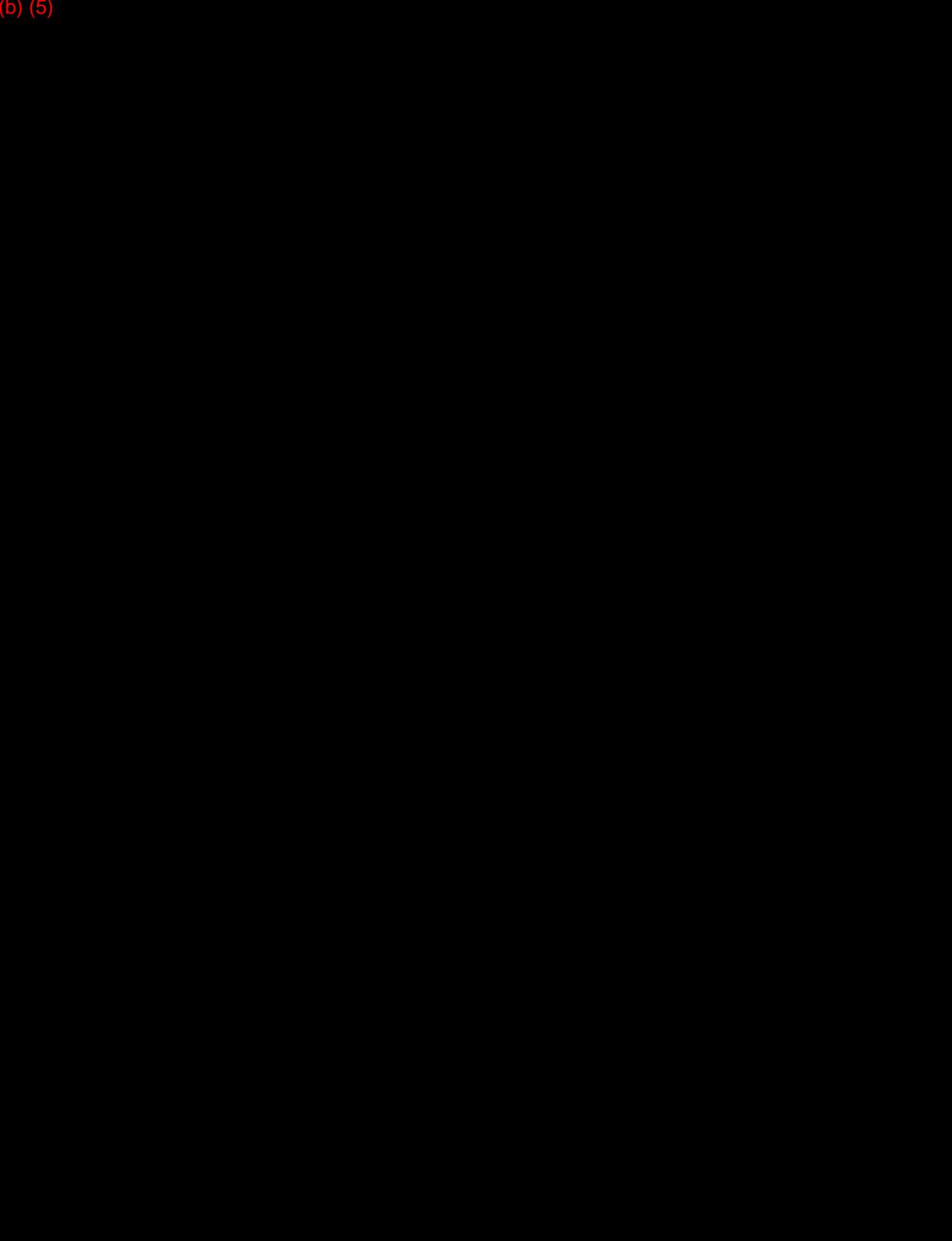
(b) (5)



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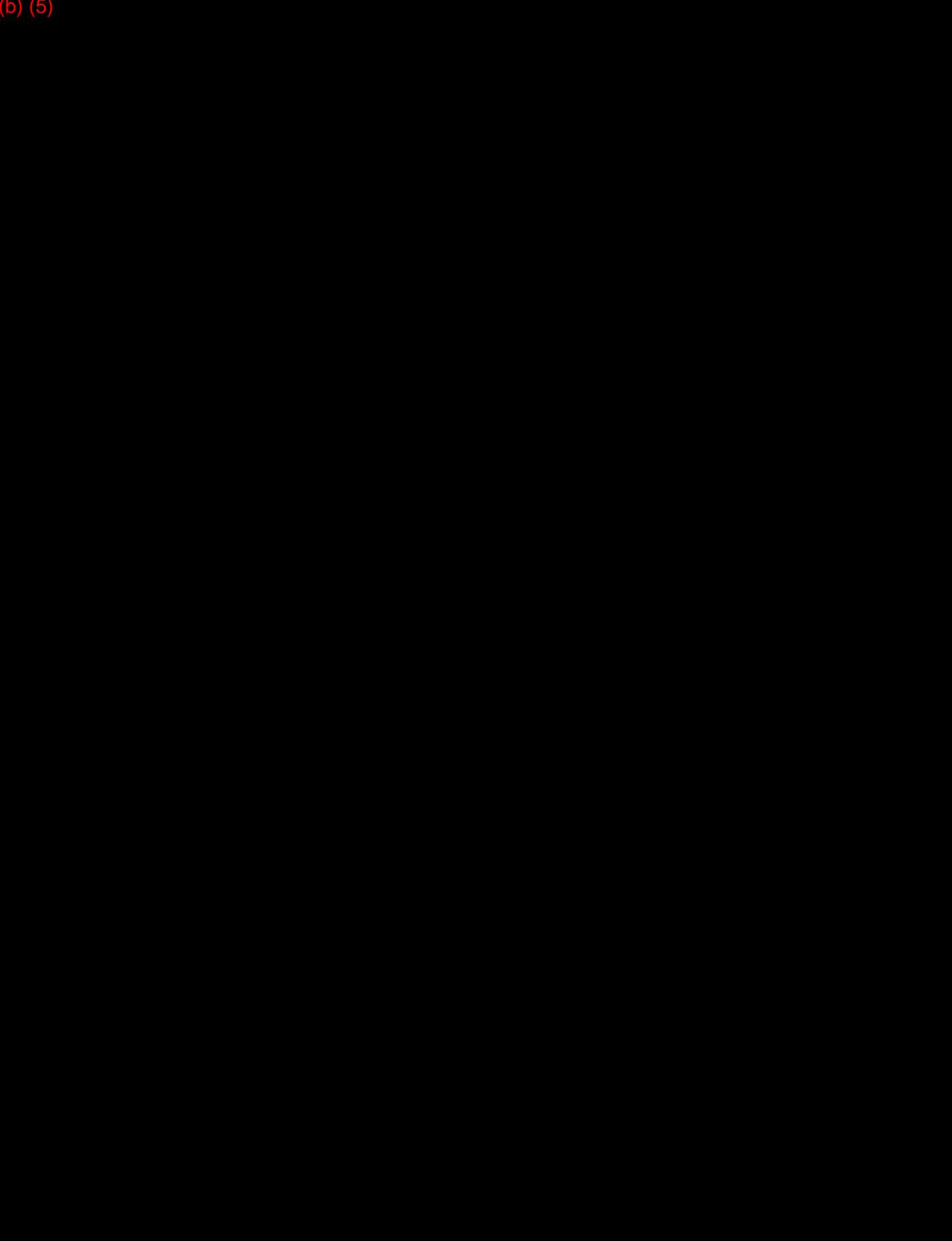
(b) (5)



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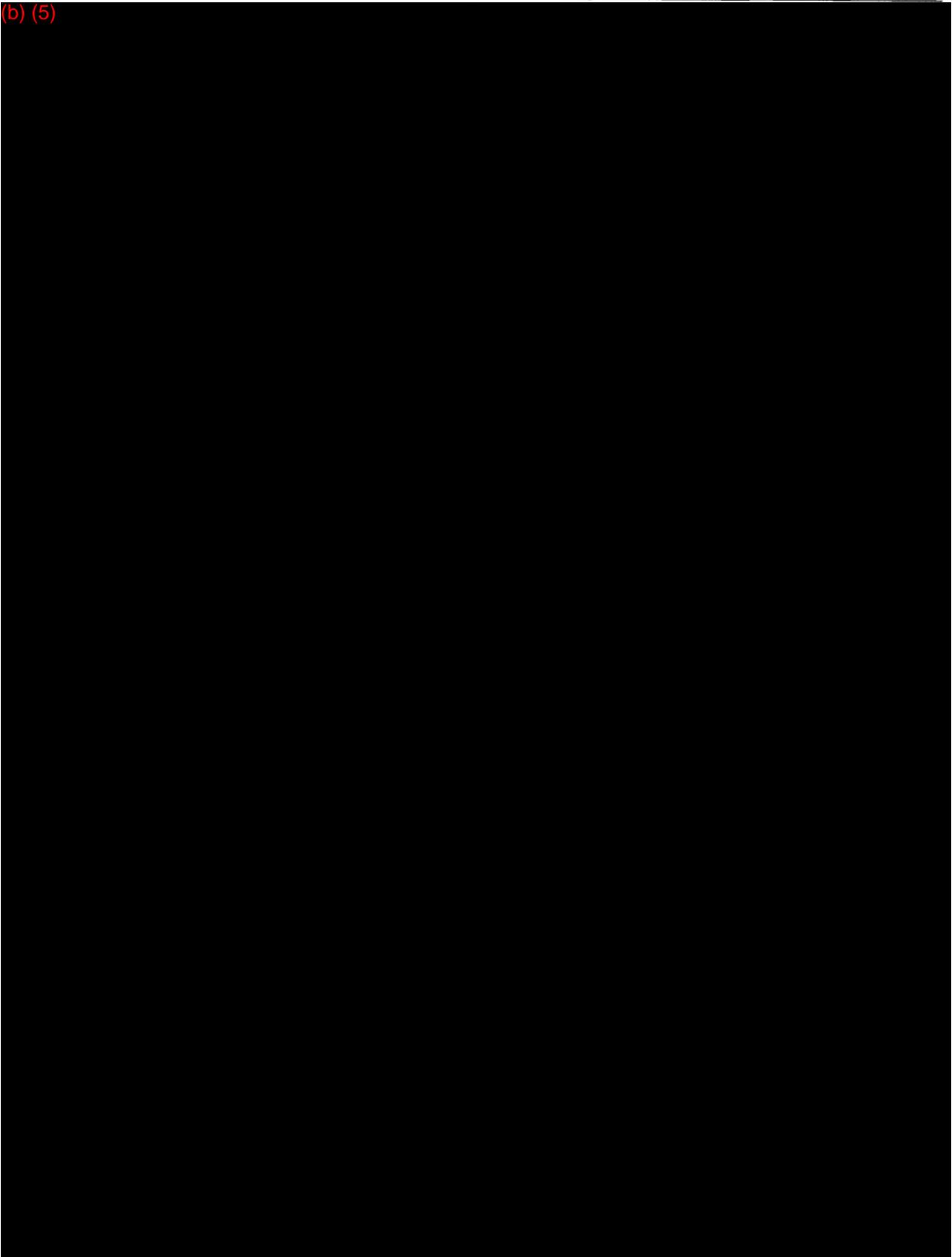
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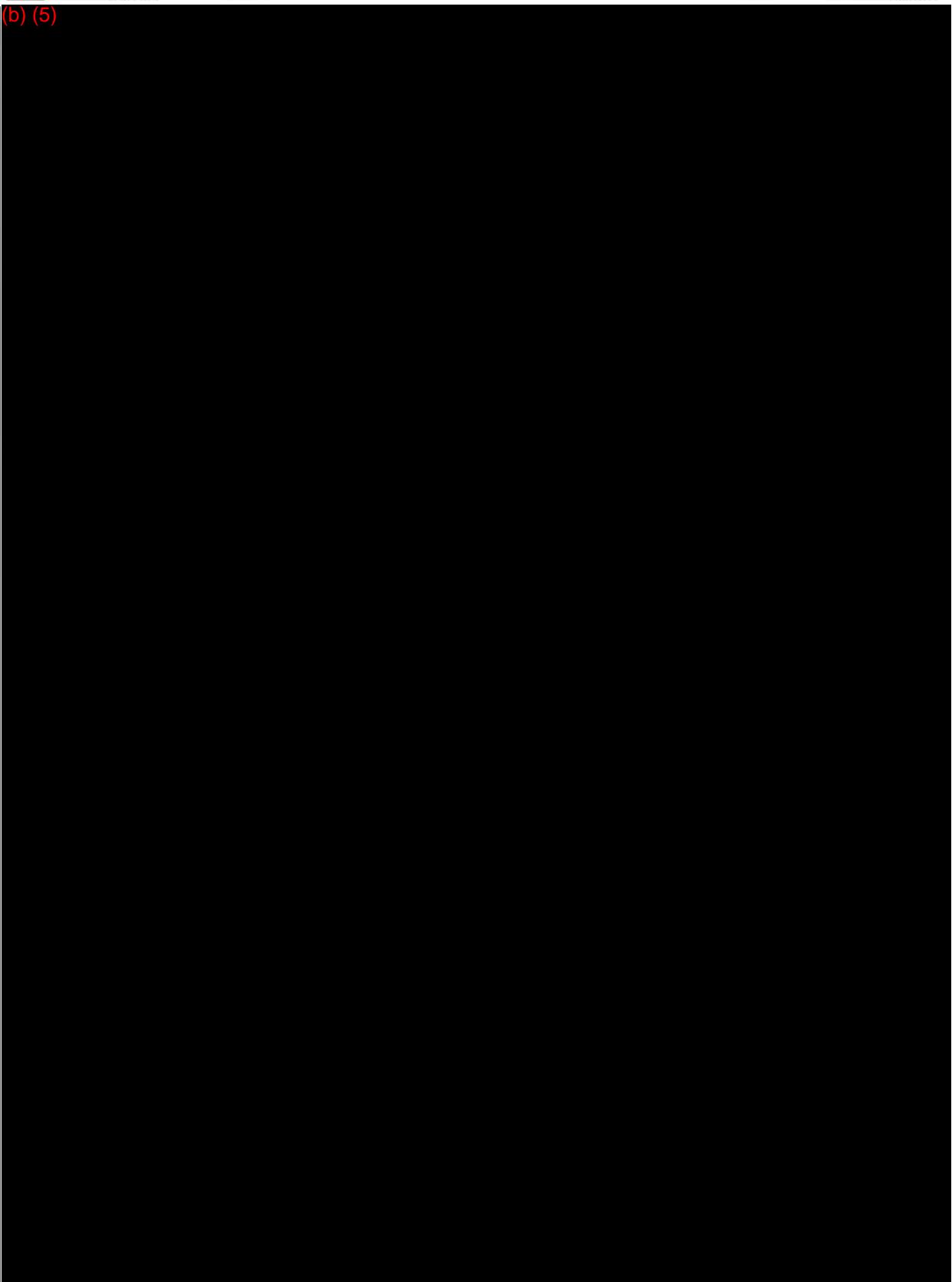
(b) (5)



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(b) (5)



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(b) (5)



**Table 3-3. Patches and TCNOs**

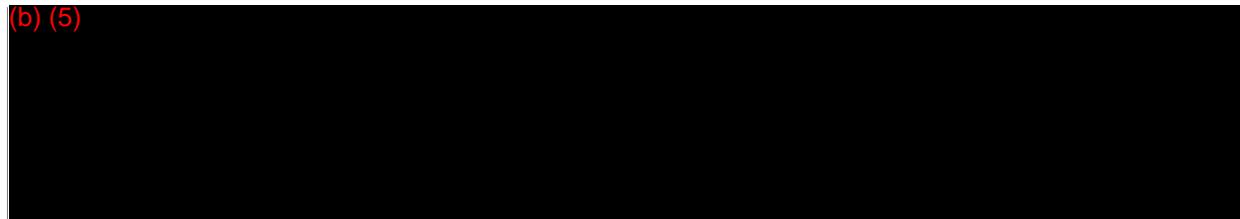
**3.2 SYSTEM INTERFACES AND EXTERNAL CONNECTIONS**

**3.2.1 System Interfaces**

(b) (5)



(b) (5)



**Table 3-4. Logical Connectivity for NSIMS System**

(b) (5)



(b) (5)



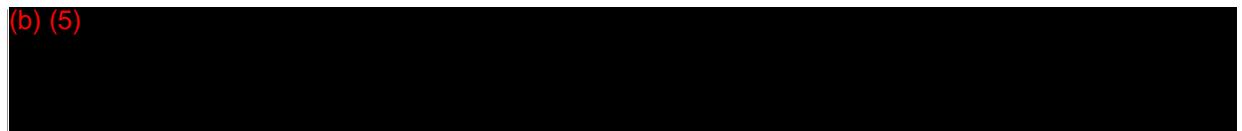
**Table 3-5. Logical Connections**

**3.2.2 External Connections**

(b) (5)



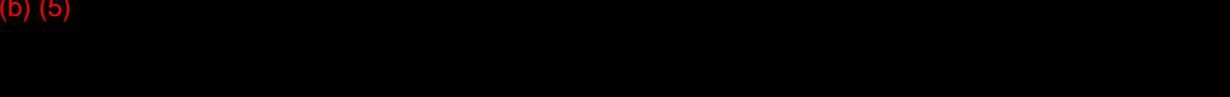
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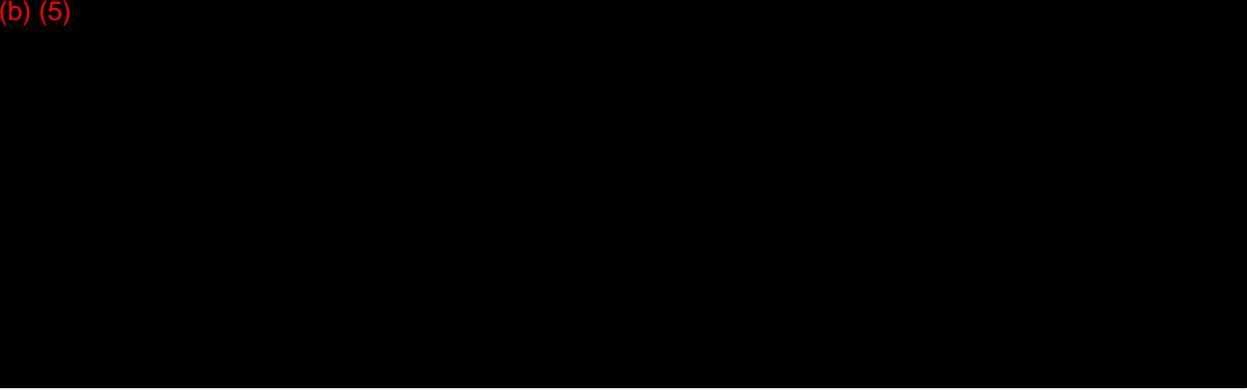
**SYSTEM SECURITY AUTHORIZATION AGREEMENT FOR NSIMS**

(b) (5)



**Table 3-6. Physical Connectivity and Security Countermeasures**

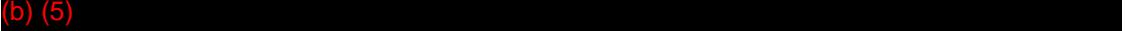
(b) (5)



**Table 3-7. Ports and Services**

**3.3 DATA FLOW**

(b) (5)

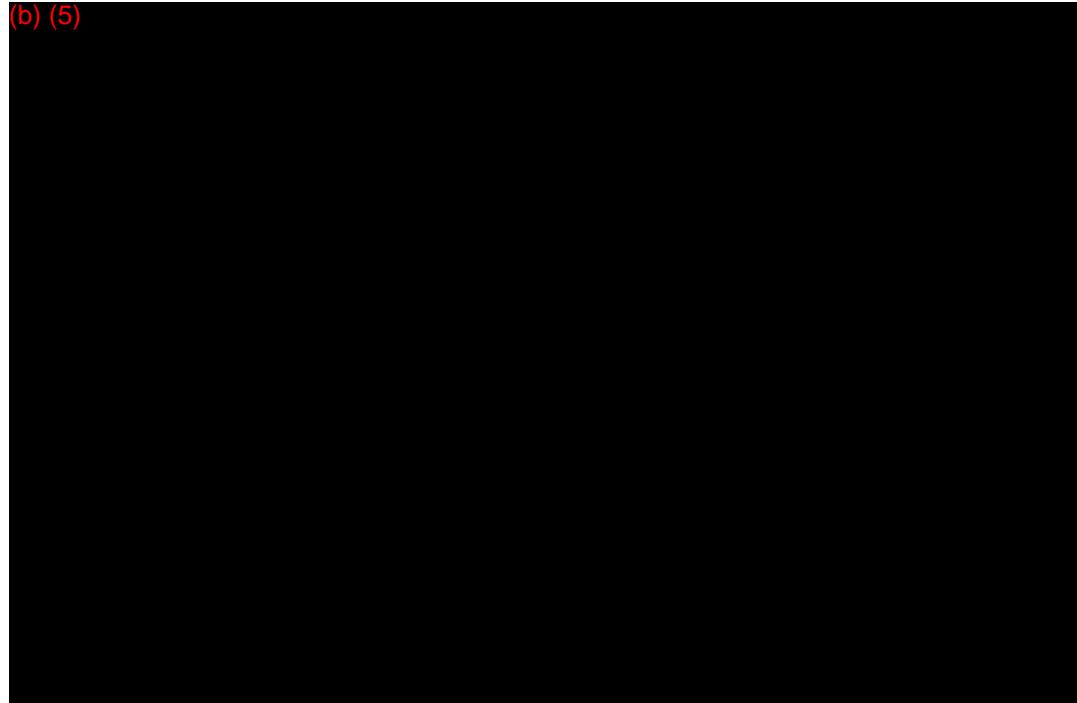


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(b) (5)



**Figure 3-2. NSIMS Data Flow Drawing**

**3.4 ACCREDITATION BOUNDARY**

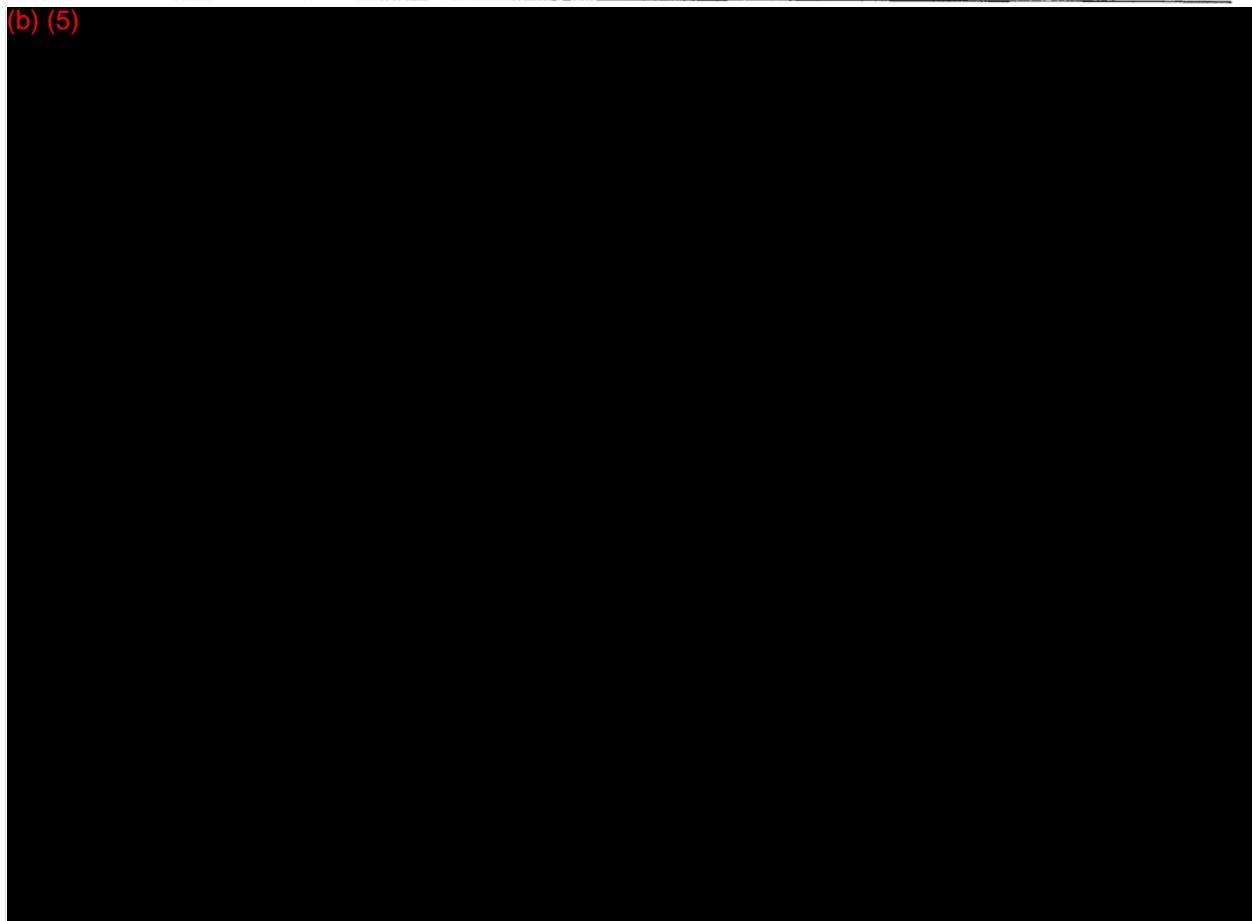
(b) (5)



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(b) (5)



**Figure 3-3. Accreditation Boundaries**

**4 SYSTEM SECURITY REQUIREMENT**

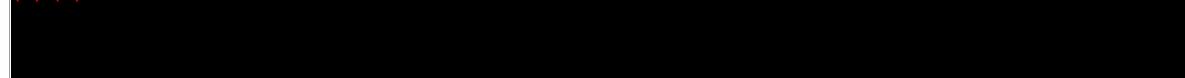
**4.1 NATIONAL AND DOD SECURITY REQUIREMENTS**

(b) (5)



**4.2 GOVERNING SECURITY REQUISITES**

(b) (5)



**4.3 DATA SECURITY REQUIREMENTS**

(b) (5)

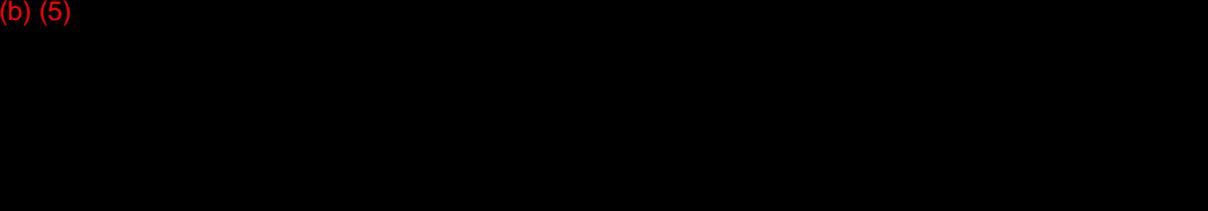
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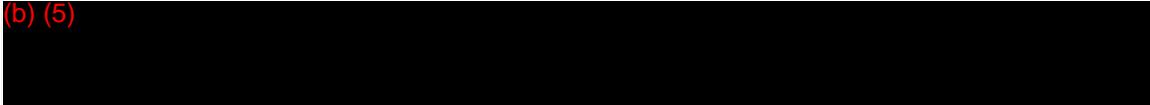
**4.4 SECURITY CONCEPT OF OPERATIONS [CONOPS]**

(b) (5)

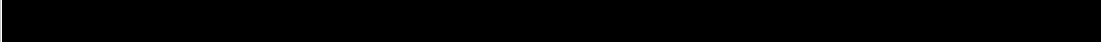


**4.5 NETWORK CONNECTION RULES**

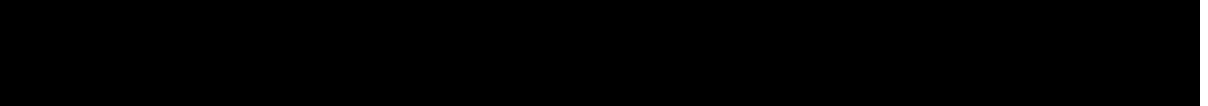
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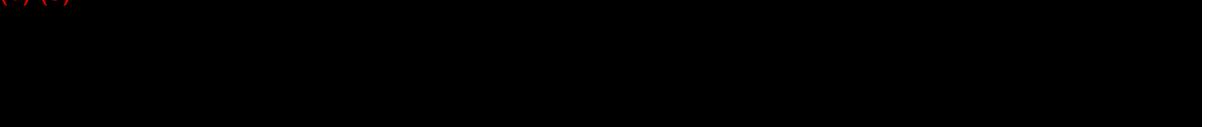


(b) (5)



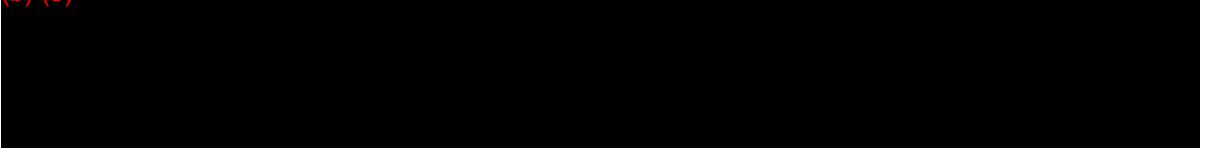
**4.6 CONFIGURATION AND CHANGE MANAGEMENT REQUIREMENTS**

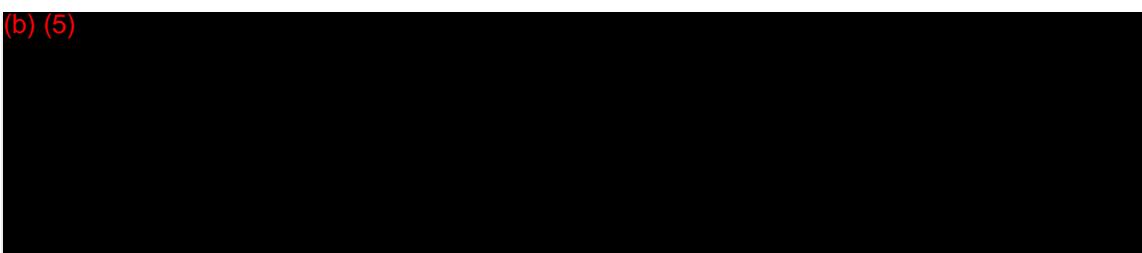
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**4.7 RE-ACCREDITATION REQUIREMENTS**

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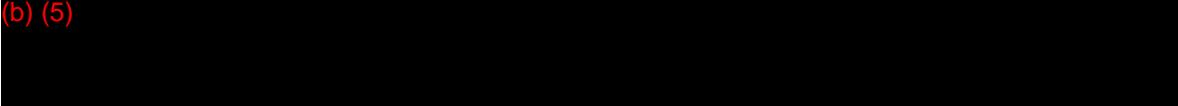
**SYSTEM SECURITY AUTHORIZATION AGREEMENT FOR NSIMS**

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**5 ORGANIZATIONS AND RESOURCES**

**5.1 ORGANIZATIONS**

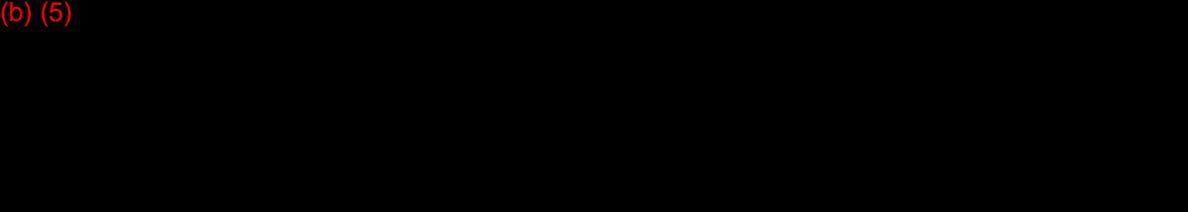
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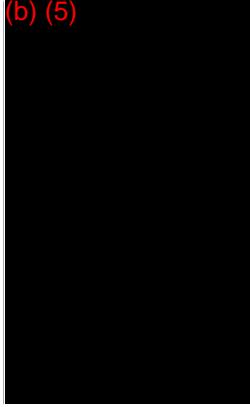


**5.2 RESOURCES**

**5.2.1 Staffing Requirements**

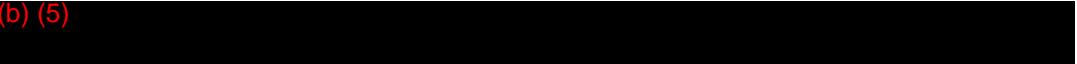
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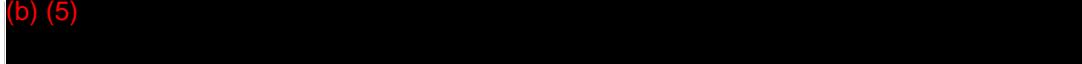


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**5.3 OTHER SUPPORTING ORGANIZATIONS**

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- (b) (5)


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**6 CERTIFICATION PLAN**

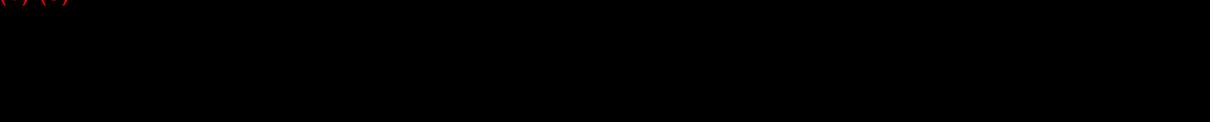
(b) (5)



**6.1 TAILORING FACTORS**

**6.1.1 Information Technology Security (ITSEC)**

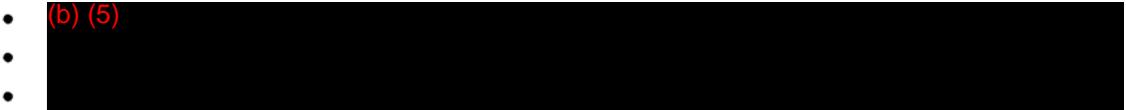
(b) (5)



**6.1.1.1 Interfacing Mode**

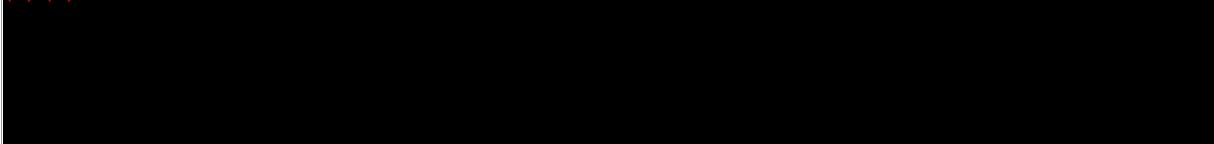
(b) (5)



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**6.1.1.2 Processing Mode**

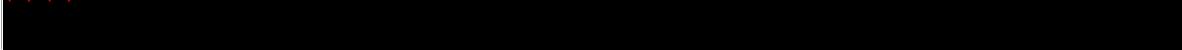
(b) (5)

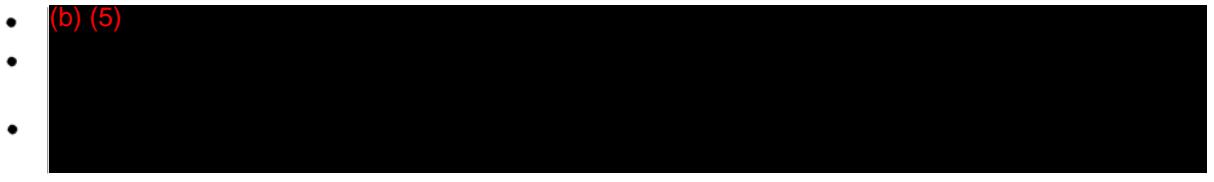


- (b) (5)
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**6.1.1.3 Attribution Mode**

(b) (5)



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- (b) (5) [REDACTED]

**6.1.1.4 Mission-Reliance**

(b) (5) [REDACTED]

- (b) (5) [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

**6.1.1.5 Availability Factor**

(b) (5) [REDACTED]

- (b) (5) [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

**6.1.1.6 Integrity Factor**

(b) (5) [REDACTED]

- (b) (5) [REDACTED]
- [REDACTED]
- [REDACTED]

**6.1.1.7 Information Categories**

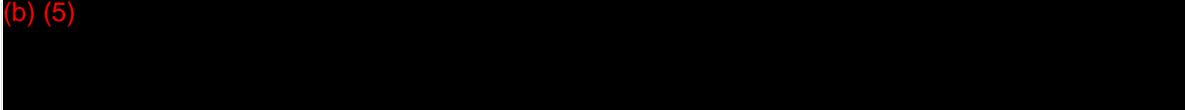
(b) (5) [REDACTED]

- (b) (5) [REDACTED]
- [REDACTED]
- [REDACTED]
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- [REDACTED]

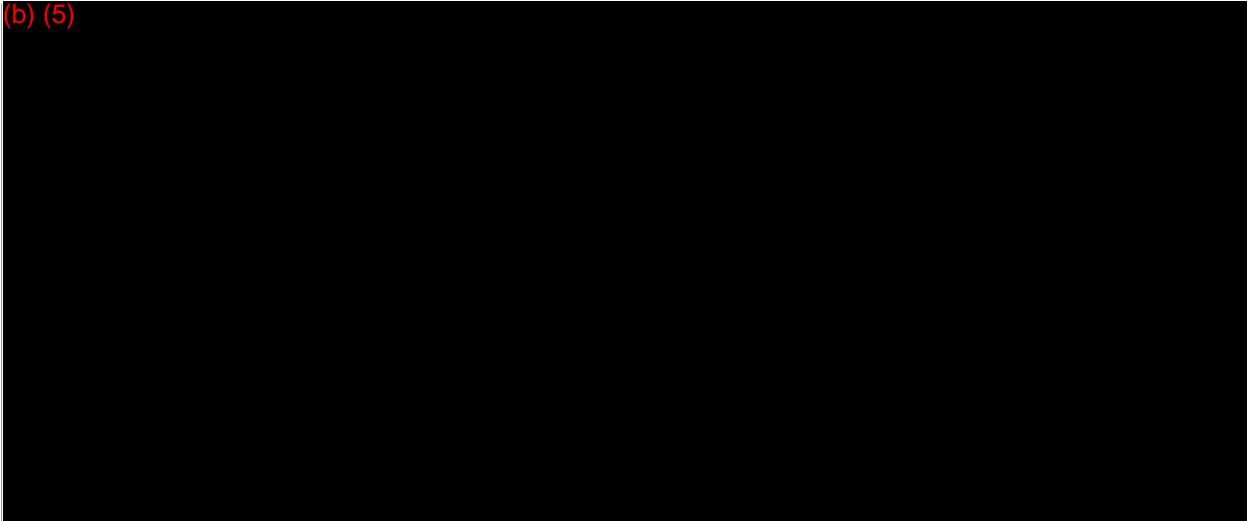
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(b) (5)

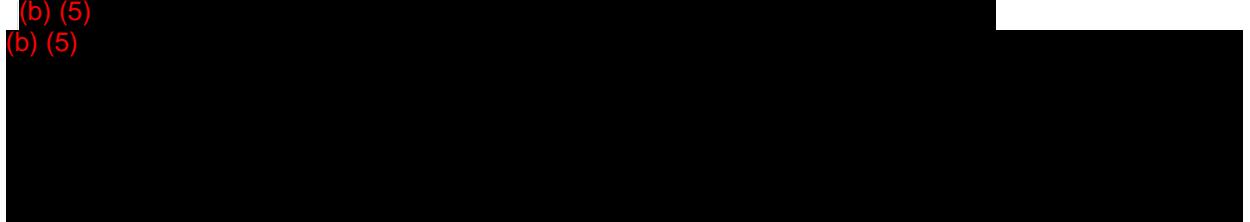


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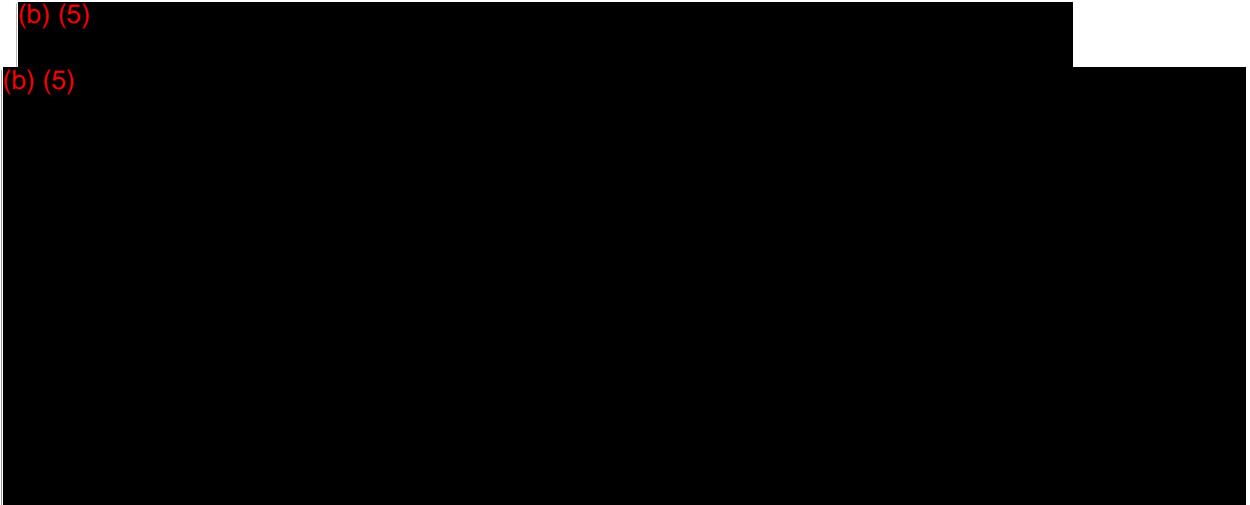
**Table 6-1. ITSEC System Class Computation Chart**

(b) (5)

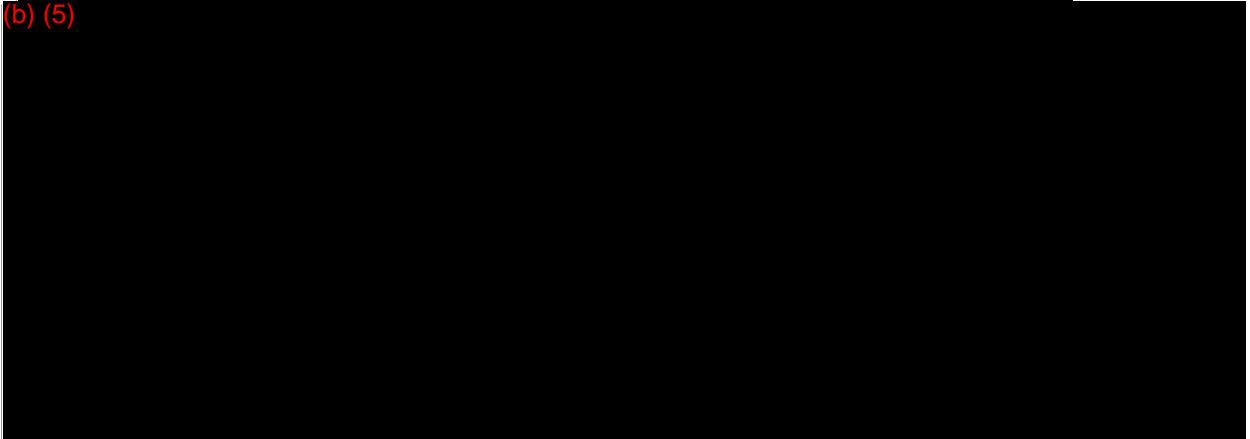


**Table 6-2. Certification Level Weighing Factors**

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(b) (5)



**Table 6-3. Certification Level Descriptions**

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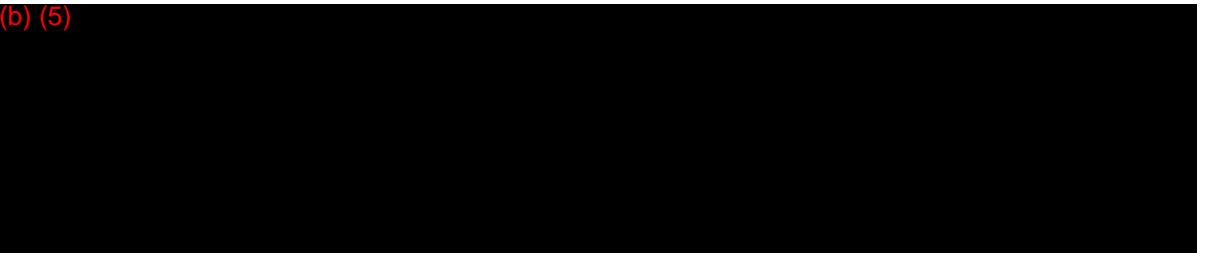
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**6.1.2 Mission Assurance Category [MAC]**

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(b) (5)



**6.1.3 Programmatic Considerations**

(b) (5)



**6.1.4 Reuse of Previously Approved Solutions**

(b) (5)

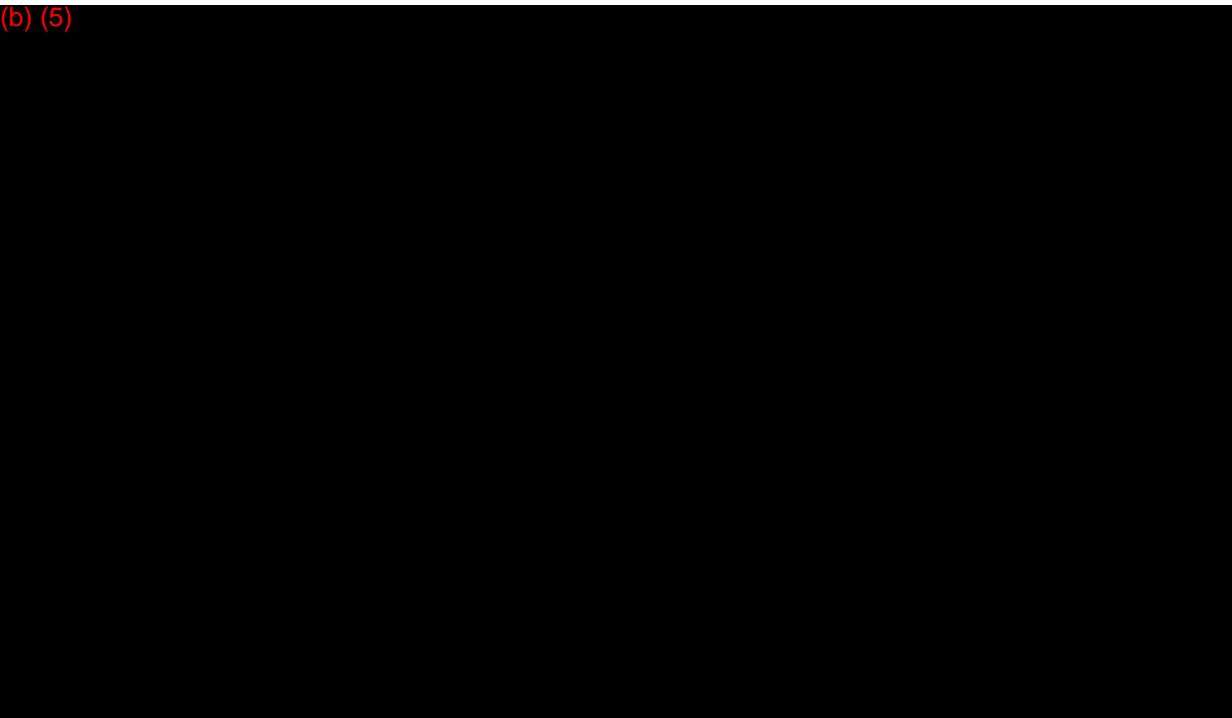


**6.2 TASKS AND MILESTONES**

(b) (5)



(b) (5)



**Table 6-4. Certification Level Descriptions**

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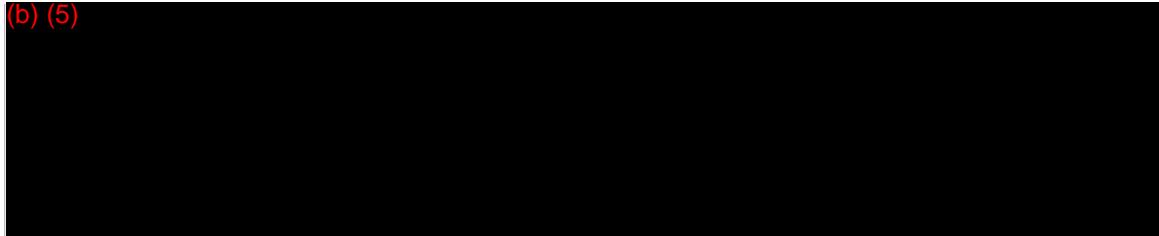
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**6.3 ROLES AND RESPONSIBILITIES**

**6.3.1 Designated Approving Authority**

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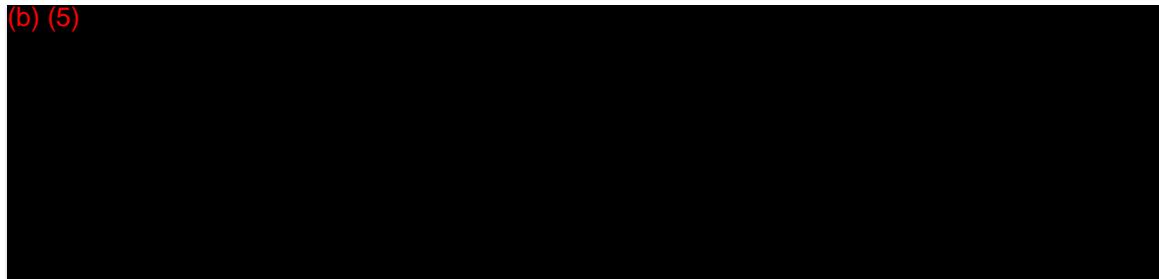
(b) (5)



**6.3.2 Certifier**

(b) (5)



- (b) (5)
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(b) (5)



**6.3.3 Identification of the User Representative**

(b) (5)



(b) (5)



**6.3.4 Information System Security Officer**

(b) (5)



- (b) (5)
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(b) (5)



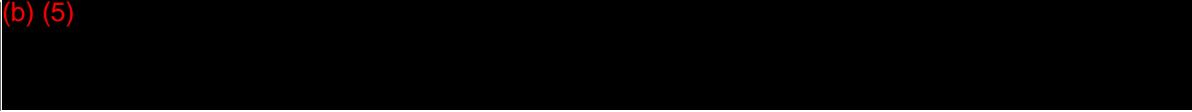
**FOR OFFICIAL USE ONLY**

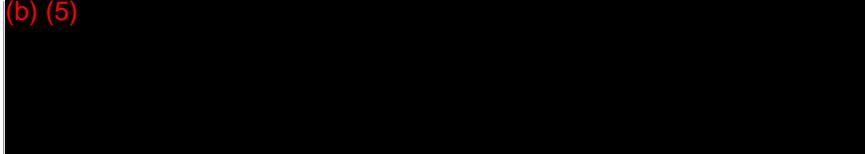
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**6.3.5 Security Manager**

(b) (5)



- (b) (5)
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(b) (5)

